AMENDMENTS TO THE SPECIFICATION

Please replace paragraph 37 beginning at page 11, with the following rewritten paragraph:

The color signal converted in the WYV color signal conversion unit 110 into the WYV color signal for an output is transferred to the address conversion unit 120, and converted into a 2D-LUT address signal referring to the 2D-LUT memory 130 (S210) as in Equation 7 as follows:

[Equation 7]

$$Y_{LUT} = Quant[Y]$$
$$H_{LUT} = Quant[H]$$
$$H = Arc\tan\left(\frac{V}{W}\right)$$

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

A color conversion apparatus and method. ~~is disclosed.~~ The color conversion apparatus converts an input color signal to match a color gamut of the input color signal with a color gamut of a target Multi Primary Display (MPD) using at least four or more primary colors, and comprises a WYV color signal conversion unit for converting the input color signal into a WYV color signal for an output; a color gamut matching gain calculation unit for calculating a matching gain which is a conversion constant for matching the color gamut of the input color signal with the color gamut of the target MPD; a color gamut matching unit for correcting the WYV color signal based on the matching gain; an XYZ color signal conversion unit for converting the corrected WYV color signal into an XYZ color signal for an output; and an MPD control vector calculation unit for calculating a control vector which is a driving signal of the target MPD corresponding to the XYZ color signal.